

## Claims

1. A measuring device for measuring the throughput of harvested crop material in an agricultural harvesting machine, with at least one sensor designed to measure the intensity of a flow of harvested crop material, characterized in that a dosing device is present with which a defined amount of additional crop material that can be additionally supplied to the flow of harvested crop material.
2. The measuring device as defined by Claim 1 wherein the sensor is arranged at the output side of a crop processing device that separates grain from the flow of crop material and that said sensor detects an amount of separated grain.
3. The measuring device as defined by Claim 2 wherein the crop processing device is a threshing cylinder.
4. The measuring device as defined by Claim 2 wherein the crop processing device is a straw walker.
5. The measuring device as defined by Claim 2 wherein the dosing device is arranged so that it loads the crop processing device with grain.
6. The measuring device as defined by Claim 3 wherein the harvested crop material is transported through a feeder house to the threshing cylinder, the feeder house can be loaded with grain by the dosing device.
7. The measuring device as defined by Claim 2 wherein the supplying of the additional harvested crop material with the dosing device takes place onto the flow of harvested crop material.
8. The measuring device as defined by Claim 1 wherein an evaluation device is set up to calculate an error-corrected measured value using the measured values of the sensor during an addition of additional harvested crop material and during the absence of an addition of additional harvested crop material.
9. The measuring device as defined by Claim 8 wherein the dosing device adds a defined amount of grain to the flow of harvested crop material.
10. The measuring device as defined by Claim 2 wherein an evaluation device is set up to calculate an error-corrected measured value using the measured values of the sensor during an addition of additional harvested crop material and during the absence of an addition of additional harvested crop material.
11. The measuring device as defined by Claim 10 wherein the dosing device adds a defined amount of grain to the flow of harvested crop material.